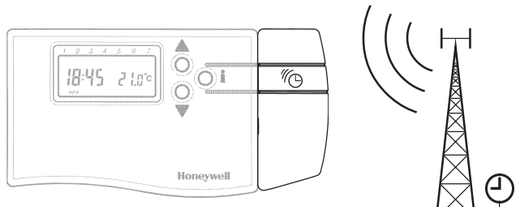
When do I need to use the push button?

During the normal system operation there is no need to use HC60NG push button. You can control your boiler manually using your CM67NG room unit:
1. Move the slider to the MAN position
2. Switch the boiler ON or OFF by pressing the **TEMPerature** ▲ or ▼ button to increase or decrease the programmed temperature.
You should use the push button to control your boiler only when the radio frequency communication is lost (see the CM67NG Trouble-Shooting Guide).

Automatic Time Setting (ATS) "Add-On" Module *



The ATS module picks up a daily time signal from a transmitter in Central Europe and corrects the time on the RF Chronotherm display. So:

- You never need to set or adjust the time
- There is no need to adjust the unit by -/+ 1 hour in summer / winter since the unit does this automatically
- Your Chronotherm is the most accurate clock in your home so you can use this information to set-up all your other clocks.

* Not available in all Geographic Regions depending on transmitter range and home location.

Can I use my Chronotherm to control my air-conditioning system?

Yes. Please refer to your installer for more information.

What if something happens to my heating system? How can I check that the Chronotherm is working?

See the troubleshooting guide below. If you need assistance after this call your installer.

CM67NG Trouble-Shooting Guide

Symptom	Possible Cause	Remedy
Blank display	No batteries	Check that the batteries are in the battery compartment and that the paper tab has been pulled out
	Wrong battery orientation	Check that the batteries have been installed in the correct orientation
	Exhausted batteries	Replace batteries
Display shows flashing 'battery' symbol	Improper battery compartment insertion	Remove battery compartment and re-insert
	Batteries need replacing	Change batteries as described previously
Display shows 'flame' symbol but heating does not switch on	The heating is not required at this moment	The heat demand is send to the relay box as a value between 0-100%. The relay box will adjust the boiler on time to meet this requirement. That is why the heating will be off sometimes even if the 'flame symbol is displayed. To check if RF system is communicating properly press the TEMPerature UP button to increase the set temperature a few degrees above the current temperature. The heating should come on after a few seconds
Display works but heating does not switch on (HC60NG LEDs are off or green one is on)	Boiler switched off	Switch the boiler on
	Wrong electrical connection	Call electrical installer to check the boiler and relay box power supply as well as the connection between the boiler and the relay box
HC60NG red LED is constantly on or flashing	RF communication lost due to the wrong location of the room unit	Hook the room unit back on the wall bracket or replace the room unit on the table stand to the position where RF communication was reliable.
	RF communication fault	Call installer NOTE: You can control the boiler manually when the RF communication is lost: Press the HC60NG push button to switch the boiler on and off. When the green LED is on – the boiler is on.
Heating switches on or off too slowly or too quickly	Chronotherm not set correctly for your system	Call installer
Temperature swings between too hot and too cold	Chronotherm not set correctly for your system	Call installer
Display show 'spanner' symbol	Fault in the Chronotherm	Remove the battery compartment and re-insert it. If the 'spanner' symbol does not clear itself in a few minutes call the installer

Multi-zone Heating Systems

How can I enhance comfort and save energy with Honeywell RF multi-zone system?

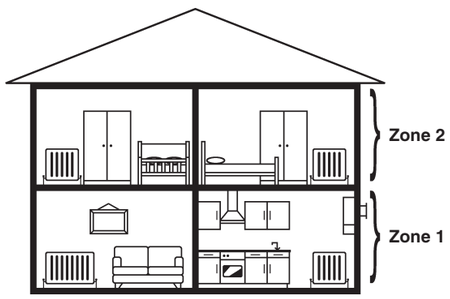
We are quite used to switching the lights on in our houses using individual switches in every room. It is common that we even use more than one light switch to control the lights in the room. Yet we still expect that one room thermostat will control heating in the entire house, providing comfort for all inhabitants and maximum energy efficiency of the heating system. Certainly just one room thermostat can not meet these requirements. To address the needs of modern households, Honeywell developed CM60NG – simple and practical heating controller for up to 4 zones.

Why do I need a multi-zone system?

We can all distinguish at least two functional zones in our houses. A day time zone, where we spent our time when we are active and the night zone where we sleep. Sometimes we can define more zones e.g. study zone or teenager's zone. This functional division of the house into zones dictates the need for different temperatures at different times of the day. Therefore our heating control system should allow us to set and program temperatures individually for each zone.

What is required to install a zoning system?

First, your heating system has to be laid out in a way that allows control of the heat supply to a zone by means of zone valves or pumps (see drawing, ask you installer for details).
If this condition is fulfilled the rest is easy. Ask your installer to add additional zone controller(s) and a boiler controller.



Multi-zone System Plan
Note: You can extend the system to control up to 4 zones

Is the Honeywell zoning system easy to use?

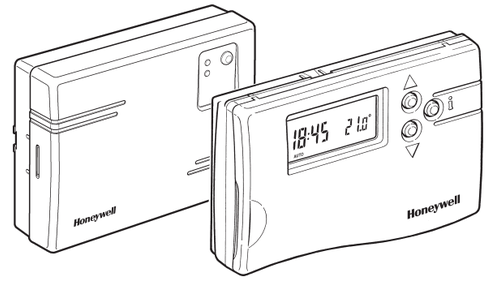
It is very easy to use. In fact it is just an additional room unit exactly the same as standard CM60NG. As the system is using RF communication you do not have to install the room unit on the wall in the second zone. Just mount it on the table stand and find suitable location where the communication is always reliable.

What are the benefits of installing Honeywell multi-zone system?

- Enhanced comfort - you can now control temperature individually in each zone
- Improved efficiency of your heating system – your multi-zone RF system will save energy delivering heat only to the zones, which really require it.

Honeywell

CM67NG RF Chronotherm



What is an RF Chronotherm?

A Honeywell Radio Frequency (RF) communicating Chronotherm is a programmable thermostat that controls your heating system so that you can have comfortable temperatures when you are at home and energy savings when you are out. With RF communication there is no need to provide wired connection between thermostat and boiler. The Chronotherm can therefore be installed without disrupting your room decor. Instead of wired connection the Chronotherm sends a radio frequency signal directly to the relay box installed next to the boiler. These instructions explain how to program and operate your Chronotherm to get the most comfort at the least cost.

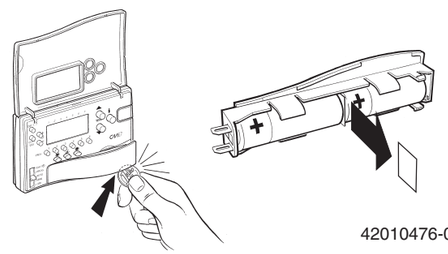
What will the CM67NG Chronotherm do for me?

- **Wireless connection** to the boiler allows you to mount the Chronotherm in your room without decor disruption
- **Armchair programming** feature lets you program your Chronotherm while resting comfortably in your armchair
- **Attractive slim styling** makes it ideal for location in any room in your home
- **7 day program** lets you set the CM67NG to match your weekly lifestyle
- **6 daily independent temperature levels** let you set **any** 6 temperatures from 5 to 30°C at any time each day, to match your daily lifestyle
- **Party button** lets you temporarily maintain (or adjust) the current temperature for 1 - 23 hours. Useful when you have friends round or go out of the house for a short while
- **Day Off button** copies Sunday's program into tomorrow so that you can make the CM67NG follow the Sunday program if you have a day off during the week
- **Holiday button** saves energy by letting you reduce the temperature for 1 to 99 days while you are on holiday, returning to normal operation on the day you return
- **Memory** holds the user program indefinitely so that it is never lost even if you remove the batteries

How do I install the batteries?

1. Lift up the front flap to reveal the battery compartment. Open the battery compartment by inserting a coin underneath the bottom right edge of the flap and lift it out.

2. Pull the paper tab out to activate the 2 AA LR6 Alkaline Batteries included and push the battery compartment firmly back into the front of the unit. After a pause the unit will now display information.



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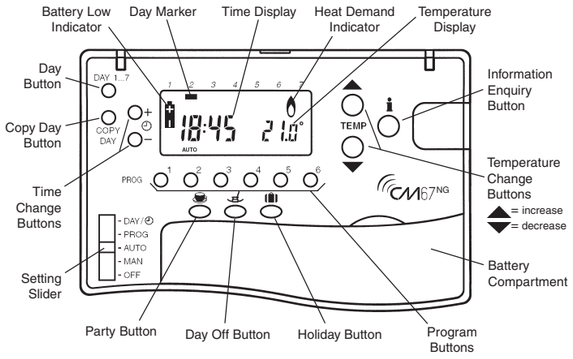
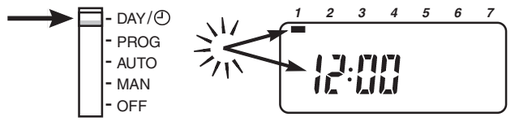
CM67NG Controls/Display Layout

The diagram below details the key button functions and display information.



How do I set the time and day?

1. Move the slider to the **DAY /** position. The time and day marker will now be flashing on the display indicating they can be changed.



2. Press the + or - button until the correct time is displayed. Each button press will change the time by one minute and stop the display from flashing. Holding the button down for a few seconds will change the time slowly at first, then quickly.

3. Press the **DAY 1..7** button until the day marker is positioned under the correct day (**DAY 1** is Monday). Each button press moves the day marker by one day.

How do I get started with the built-in temperature program?

Move the slider to the **AUTOmatic** position.
The Chronotherm will now control your heating using the built-in temperature program:-

Monday to Friday

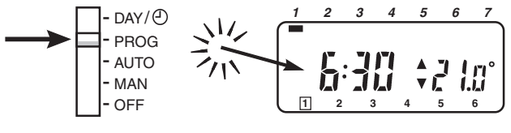
Program	1	2	3	4	5	6
Time	06:30	08:00	12:00	14:00	18:00	22:30
Temperature	21°C	18°C	21°C	18°C	21°C	16°C

Saturday and Sunday

Program	1	2	3	4	5	6
Time	08:00	10:00	12:00	14:00	18:00	23:00
Temperature	21°C	21°C	21°C	21°C	21°C	16°C

How do I set my own temperature program for each day of the week?

1. Move the slider to the **PROGram** position. You will see the first temperature change time and temperature level for Monday's program (the two small arrows are displayed only when the programmed temperature level is shown). The flashing display indicates that you can make changes.



2. Press the + or - button to adjust the first temperature change time. Holding the button down will change the time quickly. The change time can be set in 10 minute steps from 03:00 in the morning. The change time can be adjusted to any time up to 02:50 on the next morning, so you can maintain the evening temperature after midnight.

   (Note: If you are pressing the + button and the display flashes the next change time number **2**, it means the next change time **2** will be pushed forward if you continue to press the + button).

3. Press the **TEMPerature** ▲ or ▼ button to adjust the first temperature level. Holding the button down will change the temperature quickly. The temperature can be set in 0.5°C steps from 5°C to 30°C.

4. Press the **PROGram 2** button to display the second temperature change time and temperature level for Monday. Set these by pressing the + or - button and **TEMPerature** ▲ or ▼ button.

5. The remaining temperature changes for Monday can be displayed by pressing **PROGram** buttons **3**, **4**, **5** and **6** and adjusted by using the + or - button and **TEMPerature** ▲ or ▼ button. (If you don't want to use all the temperature change times 2, 3, 4, 5 or 6 refer to the next question "What if I don't want to use all 6 temperature change times?").

You now have a choice to set the program for the next day:-

6a. Press the **COPY DAY** button to copy Monday's program into Tuesday. To set several days of the week to the same program, press the **COPY DAY** button repeatedly.

6b. Press the **DAY 1..7** button to step the day marker to Tuesday (Day 2). The program for Tuesday can then be set as described in steps 2 to 5. Programs for Wednesday (Day 3) to Sunday (Day 7) can be set in the same way, using the **DAY 1..7** button.

7. Move the slider to the **AUTOmatic** position when you have completed steps 6a or 6b, The Chronotherm will now control the room temperature to match your program.

What if I don't want to use all 6 temperature change times?

The built-in program uses 6 temperature change times as indicated by the numbers **1**, **2**, **3**, **4**, **5** and **6** on the display. With the slider in the **PROGram** position, unwanted change times can be deleted by holding the appropriate **PROGram** buttons (**2**, **3**, **4**, **5** or **6**) down for a few seconds. The change time will be removed and the display will show dashes instead of a time / temperature display.

Deleted temperature change times can be brought back again by pressing the appropriate program button (**2**, **3**, **4**, **5** or **6**) for a few seconds, with the slider in the **PROGram** position.

Can I change the programmed temperature for a short time?

When the slider is in the **AUTOmatic** position the temperature can be adjusted temporarily by pressing the **TEMPerature** ▲ or ▼ button. This temperature will return to the programmed value at the next temperature change time.

How do I check the programmed temperature?

In normal operation the temperature displayed is the actual room temperature. To check the programmed temperature press the **INFOrmation** button and the display will show the programmed temperature with the two small arrows.

How do I set one temperature for the whole day?

To operate as a simple thermostat with one temperature throughout the day, move the slider to the **MANual** position. Adjust the manual temperature by pressing the **TEMPerature** ▲ or ▼ button. The manual temperature can be set anywhere from 5°C to 30°C in 0.5°C steps.

I am having some friends round for coffee. How can I extend my heating program for a few hours?

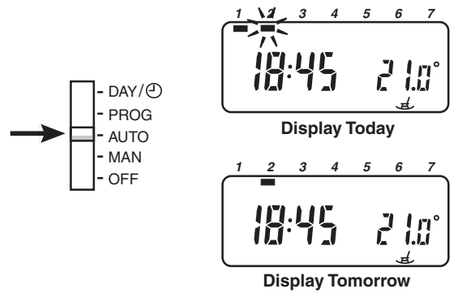
When the slider is in the **AUTOmatic** position the temperature can be adjusted temporarily by pressing the **(PARTY)** button. Set the party time (1 - 23 hours) by pressing the + or - button. Set the party temperature (5°C - 30°C) by pressing the **TEMPerature** ▲ or ▼ button. The Chronotherm will control to the new temperature for the set number of hours and then go back to the normal temperature program.
To cancel the **PARTY** setting press the button a second time or move the slider.
The button can also be used when you go out (shopping, out with friends for coffee or to another party!) and want to reduce the temperature for a few hours to save energy.

I have a day off work tomorrow and I am staying at home, do I have to re-program the CM67NG?

No, with one button press, the CM67NG will remember that tomorrow is a day off. Tomorrow, the CM67NG will control the temperature using Sunday's program.

When the slider is in the **AUTO**matic position, press the **(DAY OFF)** button. A symbol will appear and the day marker for tomorrow will flash. This indicates that the Sunday temperature program will be followed tomorrow. Tomorrow the symbol will still appear but without the flashing day marker, the CM67NG will control tomorrow's temperatures using Sunday's program.

To cancel tomorrow's **DAY OFF**, press the button twice or move the slider.
If you have 2 or more days off press the button each night before going to bed.



If you have a **DAY OFF** today and want to control the temperature using Sunday's program press the button twice.

To cancel any **DAY OFF** setting, either press the button repeatedly until the symbol disappears or move the slider.

I am going on holiday for a few days. How do I save energy but ensure that the house is warm when I return?

1. Move the slider to the operating position you require on returning from holiday (**AUTOmatic** or **MANual** position)
2. Press the **(HOLIDAY)** button to display the holiday days counter and temperature.
3. Press the + or - button to set the holiday time (1 - 99 days). An extra flashing day marker shows you the holiday return day.
4. Press the **TEMPerature** ▲ or ▼ button to set the holiday temperature (5°C - 30°C).

The unit will control to the new temperature for the set number of days holiday. At midnight the holiday days counter will be reduced by one until the selected number of days have passed. The unit will then return to normal control as set by the **MANual** or **AUTOmatic** slider position.

To cancel the **HOLIDAY** setting, press the button a second time or move the slider.

How can I switch the RF Chronotherm off?

Move the slider to the **OFF** position. The unit has an intelligent built-in frost protection feature, so that if the temperature falls below 5°C, it will automatically switch back on to prevent your pipes from freezing.

How do I know when the batteries need changed and how do I change them?

Your RF Chronotherm has built-in electronics that constantly monitor the battery power level. With no other accessories fitted the batteries should last about 3 years. When the batteries need replaced, a flashing symbol will be displayed.

To change the batteries:

1. Lift up the front flap to reveal the battery compartment. Open the battery compartment by inserting a coin underneath the bottom right edge of the flap and lift it out.
2. Replace the used batteries with 2 new AA LR6 Alkaline Batteries (Duracell are recommended) and push the battery compartment firmly back into the front of the unit.

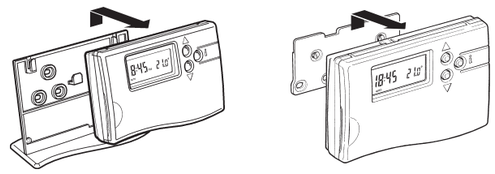
RESPECT YOUR ENVIRONMENT!
Take care to dispose of used batteries carefully.

The RF Chronotherm has a permanent memory to keep your program settings while you change the batteries, you should never need to reprogram. However, if you take more than one minute to change them, you may need to correct the time by moving the slider to the **DAY /** position and pressing the + button.

I want to use the table stand instead of wall mounted bracket. Where can I position the room unit?

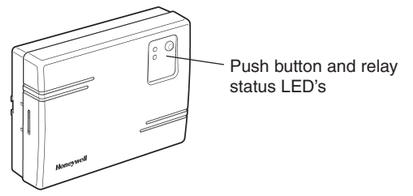
It is important to keep the room unit in a location where reliable RF communication was proven. Advise your installer where would you like to position the room unit and he will check if the RF communication is reliable in the selected location(s).

How do I remove the RF Chronotherm from the table stand or wall bracket?



After programming is finished always replace the RF Chronotherm back on the wall holder or table stand.

HC60NG Relay Box Controls Layout



What does it mean when the HC60NG relay box green LED is ON?

Green LED indicates normal operation of the radio frequency system. When the green LED is ON the boiler is also ON. When the LED is OFF the boiler is OFF.